ABSTRACT OF DISCLOSURE

A user controlled device, movable into a plurality of positions of a three-dimensional space, includes a MEMS acceleration sensor to detect 3D movements of the user controlled device. The device, such as a mouse, sends control signals correlated to the detected positions to an electrical appliance, such as a computer system. A microcontroller processes the output signals of the MEMS acceleration sensor to generate the control signals, such as screen pointer position signals and "clicking" functions.

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